

REMARKS

The Examiner's Action mailed on March 25, 2005 has been received and its contents carefully considered.

Claim 1 has been amended. Claims 20 - 22 are added. Claims 1-22 are now pending in the application. For at least the following reasons, it is submitted that this application is in condition for allowance.

The Abstract of the application is objected to because it contains more than 150 words. Applicant has amended the Abstract to abstract the invention with less than 150 words. The objection accordingly should be withdrawn.

The Examiner objected to the title as not descriptive. Applicant has amended the title to "CARD FOR TESTING FUNCTIONS OF THE CARD INTERFACE." The new title is deemed to be descriptive of the invention. The objection accordingly should be withdrawn.

Examiner rejects claims 1, 2, 4, 6, 8 under 35 U.S.C. 103(a) as being unpatentable over *Ha*, in view of *Chen et al.*, further in view of *Fox*. However, claim 1 has been amended for improved clarity, and it is submitted that amended claim 1 is patentable over *Ha*, in view of *Chen et al.*, further in view of *Fox* for at least the following reasons.

Amended independent claim 1 recites:

A testing card-for coupling to a card interface installed in an electronic device to test functions of the card interface, wherein the card interface complies with an interface specification, the testing card comprising:

- a converting circuit for receiving, converting and outputting an attribute control signal, a common memory signal and an I/O signal fed in from the card interface;

- a latch circuit for receiving a data signal fed in from the card interface, latching the data signal and have having the data signal outputted afterwards;

- a data processor, coupled to the converting circuit and the latch circuit, for proceeding with testing;

- a signal generator for outputting a mode selection signal and an interrupt signal to the card interface, and to generate and output an enable signal according to a control signal fed in from the card interface;

- an oscillation combination circuit, which is coupled to the signal generator and is used to generate a wait signal according to the enable signal and feed the wait signal into the card interface; and

- a reset circuit, which is coupled to the latch circuit, the data processor, the signal generator and the oscillation combination circuit and is used to reset the above latch circuit, the data processor, the signal generator and the oscillation combination circuit;

- wherein the data processor performs an I/O addressing mode test according to the I/O signal, the data signal and the mode selection signal;

- wherein the data processor performs an attribute addressing mode test according to the attribute control signal;

- wherein the data processor performs a memory addressing mode test according to the common memory signal and the data signal;

- wherein the data processor performs a wait test according to the wait signal; and

wherein the data processor performs an interrupt test according to the interrupt signal.

Neither *Ha*, nor *Chen* nor *Fox* discloses a testing card for performing “**the I/O addressing mode test**”, “**the attribute addressing mode test**”, “**the memory addressing mode test**”, and “**the wait test and the interrupt test**”, as recited by amended claim 1, such that the test procedure for the card interface are simplified. Therefore, it would not have been obvious to one of ordinary skill in the art at the time to modify *Ha* by implementing the technique disclosed in *Chen* and *Fox* to make the invention defined by amended claim 1. It is respectfully submitted, therefore, that amended claim 1, clearly is patentable over *Ha* in view of *Chen* and *Fox*.

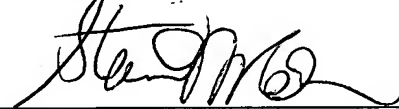
As such, it is submitted that independent claim 1, as well as the claims 2-11 dependent therefrom, are patentable. Moreover, “linking” claims 9-11 and 15-19 should be examined and allowed. It is therefore believed that all of claims 1-11 and 15-19 are allowable.

For the foregoing reasons, it is respectfully submitted that this application is in condition for allowance and such a Notice, with allowed claims 1-11 and 15-19, earnestly is solicited. Should the Examiner feel that a conference would be helpful in expediting the prosecution of this application, the Examiner is hereby invited to contact the undersigned counsel to arrange for such an interview.

Atty. Dkt.: SUND 468

A fee in the amount of \$100 is submitted, by way of a credit card charge on a Form PTO-2038, in payment for the addition of two claims in excess of 20.

Respectfully submitted,



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Date

SMR/pjl

AMENDMENT